

# Artemis

## Metal Detection

for Food, Pharmaceutical and  
Chemical Processes

Featuring the **interact<sup>+</sup>** electronic controller



# Protecting your customers, your brand



**Eclipse Magnetics is a leader in Foreign Body Removal systems, manufacturing a range of products to satisfy HACCP requirements.**

Our engineers have years of experience in the food, pharmaceutical and chemical processing industries and understand the imperative to deliver 100% contaminant-free product while maintaining process efficiency.

We recognise the need for user-friendly controls that ensure systems operate at full effectiveness and we are fully conversant with current safety legislation, HACCP procedures and demanding audit requirements.

## Artemis

**The latest generation in metal detection ensures total product integrity while being easy to operate with maximum effectiveness. The range has a robust construction, a choice of multi-frequency search heads and features the **interact+** control panel.**

### **Forefront of Product Quality**

The Artemis range provides outstanding detection performance, reliability and accuracy. It detects all ferrous and non-ferrous metals in packaged or non-packaged items.

Artemis systems come complete with full operation manuals, drawing specifications, performance test samples and declarations of conformity.

### **Meeting Industry Standards**

Eclipse Magnetics is fully conversant with all major government food safety policies, such as FSA, FDA and IFS, and those of other institutes, including BRC and GFSI.

### **Total Customer Support**

Eclipse Magnetics has a team of fully trained service engineers who can carry out on site servicing, testing and repair. We can also provide test certification for customer or BRC audits.





## The Artemis Range

Artemis is constructed from 304 grade stainless steel. It is available in different configurations and a wide range of head sizes to suit most applications.

### Conveyor-fed systems

Artemis TMDP and TMDC are fully integrated systems for the inspection of packaged or non-packaged product on conveyor-fed lines.

### Gravity-fed systems

Artemis GFR detects contamination in powders and granular product in gravity-fed systems.

### Reject Mechanisms

Artemis is available with a choice of reject mechanisms:

- Push/pull paddle
- Diverter flap
- Swing arm
- Air blast system
- Drop away/retracting belt
- Pneumatically activated flap/valve
- Special reject system

### Sensing and Alerts

A choice of sensors and warning options are available to ensure failsafe operation:

- Audio alarms
- Visual beacons
- Push-button re-set
- Detector fault warnings

### Tailor Made Packages

Eclipse Magnetics can manufacture and build detection systems to your specific requirements. Our engineers will visit your site to assess your inspection requirements and operating conditions before suggesting the package and features required.



## interact+ the latest in control

The **Interact+** electronic controller is key to Artemis operation. It features many user benefits:

- Data storage for 240 products enables quick and easy product changes
- Multi digital signal processing
- Auto-check, power-on self test
- Continuous self monitoring, automatic error suppression balance tracking, calibration check
- Automatic learn process for compensation of product effects
- Teach-in mode for product setup
- Password protected
- Solid fail-safe assembling in accordance with CE and FCC
- Stainless steel housing made to IP65
- Multilingual operating menu
- Log memory for 1500 different event reports



## The full package of foreign body removal products – from a single source

Eclipse Magnetics manufactures a range of products for contamination detection and removal including:

- Metal detectors
- Magnetic separators
- Magnetic grids
- Liquid filters
- Chute magnets
- Vibratory sieves



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